

Having thus described the invention what is claimed and desired to be secured by Letters Patent is:

1. An intraocular lens (IOL) capable of implanting in the posterior chamber of a human eye and against its posterior wall after an extracapsular extraction, said IOL having an adhesive means applied to its backside thereof, such that said adhesive means creates a continuous peripheral barrier against the central migration of lens epithelium along the posterior capsule from which it attains support, and said IOL being adapted to be positioned within the chamber and to be sealed against said a posterior wall of the eye by means of said adhesive means.

2. The invention of claim 1 and including at least one haptic connecting with the lens for positioning said IOL in place within the lens capsule.

3. The intraocular lens of claim 1, wherein said adhesive means being applied to the outer periphery adjacent the backside of said IOL, said adhesive therein adapted to form continuous uninterrupted annulus between the implanted lens and the surface of the posterior wall.

4. The invention of claim 1 and wherein said adhesive means being applied over the entire backside of said IOL.

5. The intraocular lens of claim 1 and wherein said adhesive means being a glue which interacts with the patient's own tissue coagulation system for securely anchoring the IOL in place against the posterior capsule of the eye.

6. The invention of claim 5 and wherein said adhesive means comprising a biological glue.

7. The invention of claim 6 and wherein said biological glue comprises fibrin.

8. The invention of claim 6 and wherein said biological glue comprising a mussel glue.

9. The invention of claim 5 and wherein said adhesive means being a nonbiological glue.

10. The intraocular lens of claim 5, wherein said adhesive means comprising a fibrin based annular patch.

11. The invention of claim 6, and wherein said adhesive means comprising a collagen formed annular patch.

12. The invention of claim 10 and wherein said annular patch being impregnated with collagen particles.

13. The invention of claim 10 and wherein said annular patch being impregnated with lyophilized fibronectin.

14. The invention of claim 10 and including a covering material overlying said fibrin patch, and said covering material being removable just prior to implanting of the IOL within the posterior capsule.

15. The invention of claim 10 and wherein fibrous connective tissue is adapted to grow around said annular patch is permanently binding said intraocular lens to the adjacent posterior wall of the eye.

16. An intraocular lens for implanting in the posterior chamber of a human eye after an extracapsular extraction, said lens having a backside, said intraocular lens having a biological adhesive applied to its backside as a continuous peripheral barrier, said biological adhesive being capable of interacting with the patient's own coagulation system, such that the connective tissue formed between said posterior wall and the biological

adhesive permanently anchoring the said lens to its adjacent posterior wall.

17. An intraocular lens for implanting in the posterior chamber of a human eye after an extracapsular extraction, wherein said intraocular lens having an adhesive applied thereto, a first adhesive applied to the outer circumference of the backside of the lens, and a different adhesive applied centrally to the backside thereof, and with said combined adhesives providing for adherence of the IOL to the posterior wall and thereby permanently anchoring of the said lens within the posterior capsule.

18. The invention of claim 2 and wherein said positioning haptic being dissolvable within the eye.

19. The invention of claim 18 and wherein said positioning haptic is absorbable.

20. The IOL of claim 6 and wherein said glue is applied to the backside of said IOL is in the form of an annulus.

21. The IOL of claim 6 wherein said glue is optically transparent when dry and is placed over the entire backside of the said lens during implanting.

22. The invention of claim 6 and including at least one haptic connecting with the lens for positioning said IOL in place within the lens capsule, said haptic being dissolvable within the eye, and said haptic being absorbed and dissolved after said glue has set and the usage of the haptics being no longer required.

23. An IOL, for implant within the human eye after extracapsular extraction, wherein said IOL is for positioning within the posterior capsule of the eye by means of a nontoxic, nonabsorbable, nonbiological glue, and wherein said glue being applied to at least a continuous peripheral portion of the back of the IOL just prior to its implanting.

24. The IOL of the claim 23 and wherein said glue is applied as an annulus around the outer back periphery of the IOL just prior to implanting.

25. The invention of claim 23 and wherein said glue being applied to the entire backside of the IOL prior to its implanting.

26. The IOL of claim 25 and including haptics, said haptics extending from the IOL, said haptics being dissolvable and absorbable within the eye after said glue has set.

27. The invention of claim 26 and wherein said glue creates a barrier to migration of epithelium and thereby preventing opacification of the posterior chamber contiguous with the lens during IOL implant.

28. The invention of claim 23 and wherein said glue being a isocyanate glue.

29. An intraocular lens for implanting in the posterior chamber of a human eye after an extracapsular extraction, wherein said intraocular lens having an adhesive means applied thereto, said adhesive means being applied to the backside of the lens, said adhesive means being applied to the entire outer circumference of the backside of said lens, and with said adhesive providing for adherence of the intraocular lens to a posterior wall of any human eye and thereby permanently anchoring of the said lens within the eye's posterior capsule.

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